

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 6	Application Number: 10/646,532 Filing Date: August 22, 2003 First Named Inventor: Kenneth COLLINS, et al. Group Art Unit: Unknown 1763 Examiner Name: Unknown ARANCIBIA Attorney Docket Number: 008401 03
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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
MJP ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	US-2,344,138 ✓	03-14-1944	DRUMMOND	117	107	05-20-1940
	US-3,109,100 ✓	10-29-1963	GECEWICZ	250	219	05-19-1960
	US-3,576,685 ✓	04-27-1971	SWANN ET AL.	148	187	03-15-1968
	US-3,907,616 ✓	09-23-1975	WIEMER	148	188	08-16-1974
	US-4,116,791 ✓	09-26-1978	ZEGA	204	192	05-18-1977
	US-4,382,099 ✓	05-03-1983	LEGGE ET AL.	427	34	10-26-1981
	US-4,385,946 ✓	05-31-1983	FINEGAN ET AL.	148	175	06-19-1981
	US-4,434,036 ✓	02-28-1984	HOERSCHELMANN ET AL.	204	164	05-03-1982
	US-4,465,529 ✓	08-14-1984	ARIMA ET AL.	148	188	06-04-1982

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
MJP ↓ ↓ ↓ ↓	✓ EP 0 546 852 A1	16.06.1993	EUROPE	CHARLES ZAROWIN ET AL.	N/A
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	✓ EP 1 111 084 A1	27.06.2001	EUROPE	JAMES BERNSTEIN ET AL.	N/A
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MJP ↓	✓ Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," <i>Rev. Sci. Instrum.</i> , Vol. 69, No. 1, pp. 101-108, January 1998.
	✓ U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature: Maurice J. Chan Date Considered: 12/21/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

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Application Number: 10/646,532
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: ~~Unknown~~ 1763
Examiner Name: ~~Unknown~~ ARANCIBIA
Attorney Docket Number: 008401 03

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
<i>WJ</i>	US-4,481,229 ✓	11-06-1984	SUZUKI ET AL.	427	38	06-20-1983
	US-4,500,563 ✓	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
	US-4,521,441 ✓	06-04-1985	FLOWERS	427	38	12-19-1983
	US-4,539,217 ✓	09-03-1985	FARLEY	427	10	06-27-1984
	US-4,565,588 ✓	01-21-1986	SEKI ET AL.	148	186	10-10-1984
	US-4,698,104 ✓	10-06-1987	BARKER ET AL.	437	141	03-02-1987
	US-4,764,394 ✓	08-16-1988	CONRAD	427	38	01-20-1987
	US-4,778,561 ✓	10-18-1988	GHANBARI	156	643	10-30-1987
	US-4,867,859 ✓	09-19-1989	HARADA ET AL.	204	298	08-04-1987
	US-4,871,421 ✓	10-03-1989	OGLE ET AL.	156	643	09-15-1988
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	US-4,937,205 ✓	06-26-1990	NAKAYAMA ET AL.	437	165	08-04-1988
	US-4,948,458 ✓	08-14-1990	OGLE	156	643	08-14-1990
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	JP 59-86214	18.5.1984	JAPAN	UNKNOWN	NO
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature:

M. Arancibia

Date Considered:

12/21/05

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	US-5,107,201 ✓	04-21-1992	OGLE	324	72.5	12-11-1990
	US-5,270,250 ✓	12-14-1993	MURAI ET AL.	437	165	12-23-1991
	US-5,277,751 ✓	01-11-1994	OGLE	156	643	06-18-1992
	US-5,290,382 ✓	03-01-1994	ZAROWIN ET AL.	156	345	12-13-1991
	US-5,312,778 ✓	05-17-1994	COLLINS ET AL.	437	225	11-23-1990
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	US-5,505,780 ✓	04-09-1996	DALVIE ET AL.	118	723	03-18-1992
	US-5,514,603 ✓	05-07-1996	SATO	437	16	05-06-1994
	US-5,520,209 ✓	05-28-1996	GOINS ET AL.	137	246	12-03-1993
	US-5,542,559 ✓	08-06-1996	KAWAKAMI ET AL.	216	67	02-14-1994
	US-5,561,072 ✓	10-01-1996	SAITO	437	24	11-21-1994
	US-5,569,363 ✓	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
<i>✓</i>	US-5,572,038 ✓	11-05-1996	SHENG ET AL.	250	492.21	05-07-1993

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<i>WOC</i>	WO 99/008 ²³ ✓	07.01.1999	WIPO	DONALD SMITH ET AL.	N/A
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<i>WOC</i>	WO 02/25694 A2 ✓	28.03.2002	WIPO	JAMES BERNSTEIN ET AL.	N/A

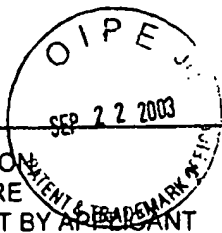
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *Maureen Arancibia*

Date Considered: 12/21/05

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	US-5,627,435 ✓	05-06-1997	JANSEN ET AL.	315	111.21	02-15-1996
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	US-5,718,798 ✓	02-17-1998	DEREGIBUS	156	429	04-10-1996
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	US-5,897,752 ✓	04-27-1999	HONG ET AL.	204	192.12	05-20-1997
	US-5,911,832 ✓	06-15-1999	DENHOLM ET AL.	118	723	01-09-1997
	US-5,935,077 ✓	08-10-1999	OGLE	600	504	08-14-1997
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Examiner's Signature:

Maurice Arancibia

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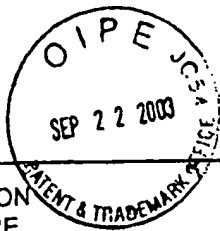
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Examiner's Signature: *Maureen J. Arancibia*

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	US 2001/0042827 A1 ✓	11-22-2001	FANG ET AL.	49	00	07-27-2001
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Examiner's Signature: *Maureen Arancibia*

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Group Art Unit: Unknown 1763
Examiner Name: Unknown ARANCIBIA
Attorney Docket Number: 6915 P03

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-6,582,999 B2 ✓	06-24-2003	HENLEY ET AL.	438	221	04-05-2001
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Examiner's Signature:

Maureen J. Arancibia

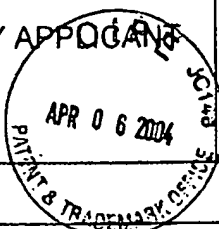
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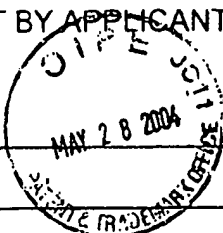
Examiner's Signature: *Maurice J. Chan*

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WSP	US-5,074,456 -	12-24-1991	DEGNER ET AL.	228	121	09-18-1990
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WSP	US-6,000,360 -	12-14-1990	KOSHIMUZU	118	723	07-02-1997
WSP	US-6,392,351 B1 -	05-21-2002	SHUNKO	315	111.51	05-03-1999
WSP	US-6,679,981 B1 -	01-20-2004	PAN ET AL.	204	298.06	05-11-2000

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Examiner's Signature: <i>Marleen O'Hanlon</i>	Date Considered: 12/21/05
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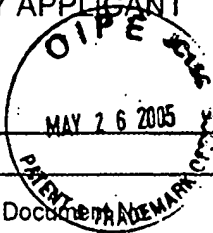
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WJ	US-4,584,026 -	04-22-1986	WU ET AL.	148	1.5	07-25-1984
WJ	US-5,510,011 -	04-23-1996	OKAMURA ET AL.	204	192.3	12-22-1994
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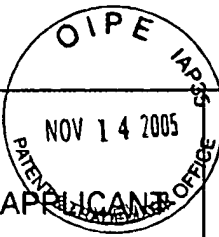
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Examiner's Signature: *Maurice Arancibia*

Date Considered: 12/21/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number: 10/646,532
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: 1763
Examiner Name: Maureen G. Arancibia
Attorney Docket Number: 006915 P03

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Examiner's Signature: *Maureen G. Arancibia*

Date Considered: 12/21/05

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